

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	41	((reflect\$4 mirror mirrored) near9 surface same ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG)) same waveguide\$1	US-PGPUB; USPAT; EPO; JPO; DERWEN T	2006/01/04 13:28
2	BRS	L2	1950	((reflect\$4 near2 coat\$5) mirror mirrored) near9 surface same ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG waveguide\$1))	US-PGPUB; USPAT; EPO; JPO; DERWEN T	2006/01/04 13:28
3	BRS	L3	570	((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG) same waveguides same slab	US-PGPUB; USPAT; EPO; JPO; DERWEN T	2006/01/04 13:28
4	BRS	L4	75	L2 and L3	US-PGPUB; USPAT; EPO; JPO; DERWEN T	2006/01/04 13:28
5	BRS	L5	59	L4 not L1	US-PGPUB; USPAT; EPO; JPO; DERWEN T	2006/01/04 13:28

	Comments	Error Definition	Errors
1			
2			
3			
4			
5			

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	6	L5 and multiplex\$4 same demultiplex\$4 same (mirror\$1 reflect\$5)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2006/01/04 13:28
7	BRS	L7	53	L5 not L6	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2006/01/04 13:28

	Comments	Error Definition	Errors
6			
7			

	Type	Hits	Search Text
1	BRS	1	10/605638
2	BRS	1	S1 and second near3 phas\$2
3	BRS	1	10/605638
4	BRS	1	S3 and ((mirror\$1 reflect\$5) same surfac\$2)
5	BRS	2	((reflect\$4 mirror mirrored) near7 surface near9 ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG waveguides)) same ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG) same slab same waveguide\$1
6	BRS	0	UZAKI and YASUMASA and slab and reflect\$5
7	BRS	1	sUZAKI and YASUMASA and slab and reflect\$5
8	BRS	2	sUZAKI and YASUMASA and awg\$1 and reflect\$5
9	BRS	9	((reflect\$4 mirror mirrored) near9 surface near9 ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG waveguides)) same ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG) same waveguide\$1
10	BRS	1477	((reflect\$4 mirror mirrored) near9 surface same ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG waveguides)) same waveguide\$1
11	BRS	35	((reflect\$4 mirror mirrored) near9 surface same ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG)) same waveguide\$1
12	BRS	26	S11 not S9
13	BRS	1806	((reflect\$4 near2 coat\$5) mirror mirrored) near9 surface same ((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG waveguide\$1))
14	BRS	517	((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG) same waveguides same slab

	DBs	Time Stamp
1	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/01/03 18:04
2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:39
3	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:41
4	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:43
5	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:01
6	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:59
7	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 13:59
8	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:00
9	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:12
10	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:14
11	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:37
12	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 14:14
13	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:36
14	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:48

	Type	Hits	Search Text
15	BRS	64	S13 and S14
16	BRS	52	S15 not S11
17	BRS	50	S16 and multiplex\$4 same demultiplex\$4
18	BRS	5	S16 and multiplex\$4 same demultiplex\$4 same (mirror\$1 reflect\$5)
19	BRS	47	S16 not S18
20	BRS	39	S19 and (integrated\$4 near5 circuit\$4 chip\$2 ic\$1)
21	BRS	5	((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG) same waveguides same ((reflect\$4 near2 coat\$5) mirror mirrored)).ab.
22	BRS	23	((array\$3 adj1 waveguide adj1 grating\$1) RAWG DAWG AWG) same waveguides same ((reflect\$4 near2 coat\$5) mirror mirrored)) and slab and (multiplex\$4 demultiplex\$4) and (integrated\$4 near5 circuit\$4 chip\$2 ic\$1)
23	BRS	13	S22 not (S21 S19 S15 S12)
24	BRS	105	S22 S21 S19 S15 S12 S11 S9
25	BRS	10	("20040213582" "20040208417" "20030002772" "20020159701" "20020057875" "6892003" "6456760" "6278813" "6122419" "5546483").pn.
26	BRS	7	S25 and (active amplif\$4)
27	BRS	7	S25 and (active amplif\$4 gain\$3)
28	BRS	7	S27 and (reflect\$5 mirror\$3)
29	BRS	4	("6278813" "5546483").pn.
30	BRS	2	("6278813" "5546483").pn.
31	BRS	2	"5546483".pn.

	DBs	Time Stamp
15	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:38
16	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:39
17	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:52
18	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:45
19	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/01/04 13:28
20	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:53
21	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 15:52
22	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:09
23	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:09
24	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:10
25	US-PGPUB; USPAT	2005/06/24 16:36
26	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:35
27	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 16:36
28	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 17:55
29	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:13
30	US-PGPUB; USPAT	2005/06/23 17:28
31	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 17:30



	Type	Hits	Search Text
32	BRS	1	"5546483".pn.
33	BRS	1	S32 and S28 and S27 and S22
34	BRS	2	S30 and (multiplex\$4 same demultiplex\$4)
35	BRS	2	S34 and ((integrat\$5 near7 circuit\$4) IC\$1 chip\$1) and substra\$4
36	BRS	2	S30 and (input\$4 output\$4) same channel\$4
37	BRS	2	("6278813").pn.
38	BRS	1	S37 and (spac\$4 near14 ("'0.25'" "'0.4'" "'0.8'" "'1.6'" '4' '5' 'nm'))
39	BRS	2	S37 and (channel\$3 same (frequenc\$4 ghz))
40	BRS	1	S37 and (active laser\$1 diode\$1 VCSELS detect\$4 modulat\$4 receiver transceiver\$1 transponder\$1)
41	BRS	1	S37 and (active laser\$1 diode\$1 VCSELS detect\$4 modulat\$4 receiver transceiv\$4 transpond\$4)
42	BRS	1	S37 and (active laser\$1 diode\$1 VCSELS detect\$4 modulat\$4 receiver transceiv\$4 transpond\$4 amplif\$5)
43	BRS	2	S37 and (substrat\$1 ic\$1 integrat\$5 chip\$1)
44	BRS	2	S37 and (substrat\$1 IC\$1 integrat\$5 chip\$1) and (circulat\$5 device\$1 units transmit\$4 receiv\$4 sourc\$2 ld\$1 detect\$4)
45	BRS	2	S37 and (substrat\$1 IC\$1 integrat\$5 chip\$1) and (circulat\$5 device\$1 units transmit\$4 receiv\$4 sourc\$2 ld\$1 detect\$4 amplif\$5)
46	BRS	2	S37 and (substrat\$1 IC\$1 integrat\$5 chip\$1) and (circulat\$5 device\$1 units transmit\$4 receiv\$4 sourc\$2 ld\$1 detect\$4 amplif\$5 photodetect\$5 laser\$3)
47	BRS	2	"5546483".pn.

	<b>DBs</b>	<b>Time Stamp</b>
32	US-PGPUB; USPAT	2005/06/23 17:30
33	US-PGPUB; USPAT	2005/06/23 17:32
34	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 18:31
35	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 19:20
36	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/23 19:20
37	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:13
38	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:29
39	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:52
40	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:54
41	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:56
42	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 11:59
43	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 12:18
44	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 12:23
45	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 12:27
46	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:00
47	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:00

	Type	Hits	Search Text
48	BRS	1	S47 and (photonic\$1)
49	BRS	1	10/605638
50	BRS	1	S49 and (modulat\$4)
51	BRS	1	"5546483".pn.
52	BRS	2	("6278813").pn.
53	BRS	10	("20040213582" "20040208417" "20030002772" "20020159701" "20020057875" "6892003" "6456760" "6278813" "6122419" "5546483").pn.
54	BRS	7	S55 and (modulat\$5)
55	BRS	10	("6,859,574" "6,769,274" "20040105610" "6,720093" "20010033715" "6,188,818" "6,051,372" "5546,483" "5208111" "4973,429").pn.
56	BRS	1	"20050135778".pn.
57	BRS	1	10/605638
58	BRS	1	("6278813").pn.
59	BRS	1	S59 and (mirror\$1 reflect\$4 micromirror\$4 microreflect\$4)
60	BRS	1	("6278813").pn.
61	BRS	0	S62 and modulat\$4

	<b>DBs</b>	<b>Time Stamp</b>
48	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:00
49	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:51
50	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 13:51
51	US-PGPUB; USPAT	2005/06/24 15:52
52	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/06/24 15:52
53	US-PGPUB; USPAT	2005/06/24 16:36
54	US-PGPUB; USPAT	2005/06/24 18:01
55	US-PGPUB; USPAT	2005/06/24 18:09
56	US-PGPUB; USPAT	2005/06/24 18:09
57	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/01/03 18:04
58	US-PGPUB; USPAT	2006/01/04 12:21
59	US-PGPUB; USPAT	2006/01/03 18:40
60	US-PGPUB; USPAT	2006/01/04 12:21
61	US-PGPUB; USPAT	2006/01/04 12:21